Docket, No.: 070456-0056

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Customer Number: 20277

Yoshihiro HORI, et al.

Confirmation Number: CNF NO. 2825

**PATENT** 

Application No.: 10/506,505

Group Art Unit: 2131

Filed: September 03, 2004

Examiner: Not yet assigned

For: DATA STORAGE DEVICE

#### REQUEST FOR CORRECTED FILING RECEIPT

Mail Stop OFR Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Attached is a copy of the Filing Receipt received from the U.S. Patent and Trademark Office in the above-referenced application. It is noted that the seventh Inventor is incorrect. Attached is a copy of the Declaration and Power of Attorney document, which evidences that the seventh Inventor's name should read: <u>Masafumi TSURU</u>. It is requested that a corrected filing receipt be issued.

Respectfully submitted,

McDERMOTT WILL & EMERY LLP

Stephen A. Becker Registration No. 26,527

Please recognize our Customer No. 20277 as our correspondence address.

600 13<sup>th</sup> Street, N.W. Washington, DC 20005-3096

Phone: 202.756.8000 SAB:blg

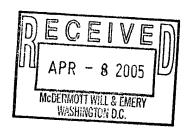
Facsimile: 202.756.8087 **Date: May 11, 2005** 



UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS P.O. Dox 1450 Alexandria, Vigniis 22313-1450

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY.DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/506 505	09/03/2004	2131	920	70456-056	19	16	1

Gene Z Rubinson McDermott Will & Emery 600 13th Street N W Washington, DC 20005-3096



CONFIRMATION NO. 2825 FILING RECEIPT

\*OC00000015243903\*

Date Mailed: 03/30/2005

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

#### Applicant(s)

Yoshihiro Hori, Gifu, JAPAN; Ryoji Ohno, Osaka, JAPAN; Takeo Ohishi, Kanagawa, JAPAN; Akihiro Tozaki, Saitama, JAPAN; Kenichiro Tada, Saitama, JAPAN; Tatsuya Hirai, Kanagawa, JAPAN; masafumi Tsuru, Tokyo, JAPAN; Takayuki Hasebe, Kanagawa, JAPAN;

#### **Power of Attorney:**

Gene Rubinson-33351

#### Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP03/02525 03/04/2003

#### Foreign Applications

JAPAN 2002-59179 03/05/2002

Projected Publication Date: To Be Determined - pending completion of Security Review

Non-Publication Request: No

Early Publication Request: No

**Title** 

Data storing device

**Preliminary Class** 

380

# LICENSE FOR FOREIGN FILING UNDER Title 35, United States Code, Section 184 Title 37, Code of Federal Regulations, 5.11 & 5.15

#### **GRANTED**

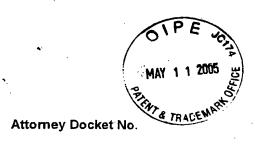
The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

#### **NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



iviy	residence,	posi	Office	auuicss	anu	Guzensnip	ale as	Stated	pelow I	iext to m	ıy name.	
											•	
							•					

patent is soug	ht on the i	nventio	are listed below) of the on entitled <u>Data St</u>	orage Device		
of which						, the specification
(check one)	· · · ·		is attached hereto.			•
			was filed on United States Appli		as	·
	•	_X_	PCT International F filed March 4, 2003	3		
					(if appl	•
I hereby state including the c	that I have laims, as a	reviev amend	wed and understand t ed by any amendmer	the contents on treferred to	of the above identification	ed specification,
l acknowledge accordance wi	the duty to	o disclo	ose information which of Federal Regulation	n is material to ns, § 1.56(a).	o the examination o	f this application in
application(s) f	or patent or i	or inve	enefits under Title 35 ntor's certificate liste or's certificate having	d below and h	nave also identified	below any foreign
Prior Foreign A	pplication	(s)			Priority Clair	med
2002-059179	_Japan_		5/March/2002		_X_Yes	. No
(Number)	(Country	<b>'</b> )	(Day/Month/Year Fi	led)		
(Number)	(Country	·)	(Day/Month/Year Fi	ied)	Yes	. No
listed below an the prior United States Code, § of Federal Reg	d, insofar I States ap 112, I ack ulations, §	as the oplication of the contract of the contr	Title 35, United States subject matter of each on in the manner produce the duty to disclow which occurred being date of this application.	ch of the claim wided by the t se material in tween the filin	ns of this applicatior first paragraph of Ti nformation as define	n is not disclosed in tle 35, United ed in Title 37, Code
(Appln. Serial N	No.)		(Filing Date)	(Status-p	atented, pending, a	bandoned)
(Appln. Serial N	No.)		(Filing Date)	(Status-p	atented, pending, a	bandoned)

I hereby appoint as my attorneys, with full power of substitution and revocation, to prosecute the patent application identified above and to transact all business in the U.S. Patent and Trademark Office connected therewith: Edward A. Becker, Reg. No. 37,777; Stephen A. Becker, Reg. No. 26,527; Marcel K. Bingham, Reg. No. 42,327; John G. Bisbikis, Reg. No. 37,095; Daniel Bucca, Reg. No. 42,368; Kenneth L. Cage, Reg. No. 26,151; Stephen C. Carlson, Reg. No. 39,929; Tom A. Corrado, Reg. No. 42,439; Paul Devinsky, Reg. No. 28,553; Laura A. Donnelly, Reg. No. 38,435; Margaret M. Duncan, Reg. No. 30,879; Brian E. Ferguson, Reg. No. 36,801; Michael F. Fogarty, Reg. No. 36,139; Willem F. Gadiano, Reg. No. 37,136; Keith E. George, Reg. No. 34,111; John A. Hankins, Reg. No. 32,029; Brian D. Hickman, Reg. No. 35,894; Eric J. Kraus, Reg. No. 36,190; Patrick B. Law, Reg. No. 41,549; Robert E. LeBlanc, Reg. No. 17,219; Jack Q. Lever, Reg. No. 28,149; Raphael V. Lupo, Reg. No. 28,363; Christine F. Martin, Reg. No. 39.762; Michael A. Messina, Reg. No. 33,424; Eugene J. Molinelli, Reg. No. 42,901; Christopher J. Palermo, Reg. No. 42,056; Joseph H. Paquin, Jr., Reg. No. 31,647; Robert L. Price, Reg. No. 22,685; Gene Z. Rubinson, Reg. No. 33,351; Joy Ann G. Serauskas, Reg. No. 27,952; David A. Spenard, Reg. No. 37,449; Arthur J. Steiner, Reg. No. 26,106; David L. Stewart, Reg. No. 37,578; Michael D. Switzer, Reg. No. 39,552; Leonid D. Thenor, Reg. No. 39,397; Keith J. Townsend, Reg. No. 40,358; Aaron Weisstuch, Reg. No. P41,557; Edward J. Wise, Reg. No. 34,523; Alexander V. Yampolsky, Reg. No. 36,324; and Robert W. Zelnick, Reg. No. 36,976 all of

Please address all correspondence and telephone calls to:

MCDERMOTT, WILL & EMERY LLP 600 13th Street, N.W. WASHINGTON, D.C. 20005-3096 Telephone: 202-756-8000

Full name of sole or first inventor <u>Yoshihiro HOR!</u>	
Inventor's signature <u>Moshikis</u> 7 doni Residence Gifu-shi, Gifu, Japan	Date
Residence Gifu-shi Gifu Japan	Citizenship <u>Japanese</u>
Post Office Address _c/o Sanyo Electric Co. Ltd. 5-5, Ke	eihanhondori 2-chome
_Moriguchi-shi, Osaka 570-8677 Jap	an
- ,	
	•
Full name of second inventor Ryoji OHNO	
Inventor's signature	Date
Residence Osaka-shi, Osaka, Japan	Citizenship <u>Japanese</u>
Post Office Address <u>c/o Sharp Kabushiki Kaisha, 22-22, I</u>	Vagaike-cho, Abeno-ku,
Osaka-shi, Osaka 545-8522 Japan	· · · · · · · · · · · · · · · · · · ·
Full name of third inventor	
Inventor's signature	
Residence Yokohama-shi, Kanagawa, Japan	
Post Office Address <u>c/o VICTOR COMPANY OF JAPAN</u>	LIMITED, 12, Moriya-cho 3-chome
Kanagawa ku Vokohama shi Kanag	rawa 221-8528 Japan

Full name of fourth inventor Akiniro I OZAKI	
Inventor's signature	Date
Residence Tokorozawa-shi, Saitama, Japan	Citizenship <u>Japanese</u>
Post Office Address _c/o Tokorozawa Works of PIO	NEER CORPORATION, 2610
Hanazono 4-chome, Tokoroza	awa-shi, Saitama 359-8522 Japan
<b>-</b>	
Full name of fifth inventor <u>Kenichiro TADA</u>	
Inventor's signature	Date
ResidenceTokorozawa-shi_Saitama_Japan	Citizenship Japanese
Post Office Address c/o Tokorozawa Works of PIO	
	wa-shi, Saitama 359-8522 Japan
Full name of sixth inventorTatsuya HIRAI	
Inventor's signature	Date
Residence <u>Kawasaki-shi, Kanagawa, Japan</u>	
Post Office Address c/o Systems Development Lab	
Ozenji, Asao-kii, Kawasaki-shi	Kanagawa 215-0013 Japan
Full name of sixth inventor <u>Masafumi TSURU</u>	
Inventor's signature ResidenceChiyoda-ku, Tokyo, Japan	Date
Residence <u>Chiyoda-kii, Lokyo, Japan</u>	Citizensnip <u>Japanese</u>
Post Office Address <u>c/o Phoenix Technologies K.K.</u>	
3-1, Warunouchi 1-chome, Chi	yoda-ku, Tokyo 100-0005 Japan
Full name of sixth inventor <u>Takayuki HASEBE</u>	
Incomplete to the second	
Inventor's signature ResidenceKawasaki-shi, Kanagawa, Japan	Date
Post Office Address <u>c/o FUJITSU LIMITED, 1-1, Ka</u> Nakahara-ku, Kawasaki-shi, Ka	
Nakanara-ku Kawasaki-shi Ka	anaoawa ∠11-6566 Japan



## Attorney Docket No.

## COMBINED DECLARATION/POWER OF ATTORNEY FOR PATENT APPLICATION

My	residence,	post	office	address and	citizenship	are as s	tated t	below next	to my name.

joint inventor (	if plural names		
of which	<del></del>		, the specification
·			
(check one)		is attached hereto.	
		was filed on	as
		United States Appl	ication No
	. <del>_X</del> _	PCT International I	Patent Application Number_PCT/JP03/02525
•	·		on (if applicable).
		ewed and understand ided by any amendme	the contents of the above identified specification, nt referred to above.
		close information whic le of Federal Regulation	h is material to the examination of this application in ons, § 1.56(a).
application(s) f	or patent or inver	entor's certificate liste	5, United States Code, § 119 of any foreign delow and have also identified below any foreign a filing date before that of the application on which
Prior Foreign A	application(s)		Priority Claimed
2002-059179 (Number)	Japan (Country)	5/March/2002 (Day/Month/Year F	No iled)
			Yes No
(Number)	(Country)	(Day/Month/Year F	iled)
listed below an the pnor United States Code, § of Federal Reg	d, insofar as the States application 112, I acknow ulations, § 1.56	e subject matter of ea ation in the manner pro ledge the duty to discl	ttes Code, § 120 of any United States application(s) ch of the claims of this application is not disclosed in ovided by the first paragraph of Title 35, United ose material information as defined in Title 37, Code tween the filing date of the prior application and the cation:
(Appln. Serial I	No.)	(Filing Date)	(Status-patented, pending, abandoned)
(Appln. Serial No.)		(Filing Date)	(Status-patented, pending, abandoned)

I hereby appoint as my attorneys, with full power of substitution and revocation, to prosecute the patent application identified above and to transact all business in the U.S. Patent and Trademark Office connected therewith: Edward A. Becker, Reg. No. 37,777; Stephen A. Becker, Reg. No. 26,527; Marcel K. Bingham, Reg. No. 42,327; John G. Bisbikis, Reg. No. 37,095; Daniel Bucca, Reg. No. 42,368; Kenneth L. Cage, Reg. No. 26,151; Stephen C. Carlson, Reg. No. 39,929; Tom A. Corrado, Reg. No. 42,439; Paul Devinsky, Reg. No. 28,553; Laura A. Donnelly, Reg. No. 38,435; Margaret M. Duncan, Reg. No. 30,879; Brian E. Ferguson, Reg. No. 36,801; Michael F. Fogarty, Reg. No. 36,139; Willern F. Gadiano, Reg. No. 37,136; Keith E. George, Reg. No. 34,111; John A. Hankins, Reg. No. 32,029; Brian D. Hickman, Reg. No. 35,894; Eric J. Kraus, Reg. No. 36,190; Patrick B. Law, Reg. No. 41,549; Robert E. LeBlanc, Reg. No. 17,219; Jack Q. Lever, Reg. No. 28,149; Raphael V. Lupo, Reg. No. 28,363; Christine F. Martin, Reg. No. 39.762; Michael A. Messina, Reg. No. 33,424; Eugene J. Molinelli, Reg. No. 42,901; Christopher J. Palermo, Reg. No. 42,056; Joseph H. Paquin, Jr., Reg. No. 31,647; Robert L. Price, Reg. No. 22,685; Gene Z. Rubinson, Reg. No. 33,351; Joy Ann G. Serauskas, Reg. No. 27,952; David A. Spenard, Reg. No. 37,449; Arthur J. Steiner, Reg. No. 26,106; David L. Stewart, Reg. No. 37,578; Michael D. Switzer, Reg. No. 39,552; Leonid D. Thenor, Reg. No. 39,397; Keith J. Townsend, Reg. No. 40,358; Aaron Weisstuch, Reg. No. P41,557; Edward J. Wise, Reg. No. 34,523; Alexander V. Yampolsky, Reg. No. 36,324; and Robert W. Zelnick, Reg. No. 36,976 all of

Please address all correspondence and telephone calls to:

MCDERMOTT, WILL & EMERY LLP 600 13th Street, N.W. WASHINGTON, D.C. 20005-3096 Telephone: 202-756-8000

Inventor's signature	Date
Residence Glfu-shi Gifu Japan	Citizenship Japanese
Post Office Address _c/o Sanyo Flectric Co_Li	d 5-5 Keihanhondori 2-chome
_Moriguchi-shi_Osaka.570	-8677 Japan
	•
	•
- 4	
Full name of second inventor Ryoji OHNO	
nventor's signature	1 20 20
nventors signature. Again Carry	DateDate
Residence <u>Osaka-sni Osaka/Japan</u>	Citizenship Japanese
Post Office Address <u>c/o Sharp Kabushiki Kaish</u>	
_Usaka-sni_ Usaka 545-852	22 Japan
•	
full name of third inventorTakeo OHISHI	
THE THE OF THE STATE OF THE STA	
nventor's signature	Date
Residence Yokohama-shi Kanagawa Japan	Citizenshin Jenenese
Post Office Address _c/o VICTOR COMPANY O	E IADAN I MITED 12 Mariya aha 2 aha
	<u> </u>

ruii fiame of fourth inventor <u>Akiniro TOZAKI</u>		—
Inventor's signature	Date	
Residence Tokorozawa-shi, Saitama, Japan	CitizenshipJapanese	
Post Office Address _c/o Tokorozawa Works of PIO	NEER CORPORATION, 2610	
	wa-shi. Saitama 359-8522 Japan	
	•	
	•	
	•	
Full name of fifth inventor <u>Kenichiro TADA</u>	<u> </u>	
Incombada also also		
Inventor's signature	Date	
Residence Tokorozawa-shi, Saitama, Japan	Citizenshiplapanese_	
Post Office Address <u>c/o Tokorozawa Works of PIO</u>		
Hanazono 4-chome, Tokoroza	wa-shi, Saitama 359-8522 Japan	—
Full name of sixth inventorHIRAI	•	
di name di sixui inventor <u>Taisuya HIRAL</u>		<del></del>
Inventor's signature	Date	
Inventor's signature Residence <u>Kawasaki-shi Kanagawa Japan</u>	Citizenshin Jananese	
Post Office Address c/o Systems Development Lab	poratory Hitachi Ltd 1099	
Ozenii, Asao-ku, Kawasaki-shi	Kanagawa 215-0013 Japan	
	,	
Full name of sixth inventor <u>Masafumi TSURU</u>	•	
di name di sixui inventor <u>Masaiumi I SORO</u>		_
Inventor's signature	Date	
Inventor's signature ResidenceChiyoda-ku, Tokyo, Japan	Citizenship Japanese	_
Post Office Address <u>c/o Phoenix Technologies</u> K.K	Tokyo Ginko Kyokai Building 14	 4th Floo
3-1, Marunouchi 1-chome, Chir		
	,,,	<del></del>
Full name of sinth important. Takennik 140 OFDE		-
Full name of sixth inventor <u>Takayuki HASEBE</u>		
nventor's signature ResidenceKawasaki-shi_Kanagawa, Japan	Data	
Pecidence Kawasaki shi Kanagawa Janan	Date	
Post Office Address of ELLITSILLIMITED 4.4 V-	Ciuzensnip <u>Japanese</u>	_
Post Office Address <u>c/o FUJITSU LIMITED, 1-1, Ka</u> Nakahara-ku, Kawasaki-shi, Ka	ımikodanaka 4-chome	



Attorney Docket No.

#### COMBINED DECLARATION/POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor(s), I(we) hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

patent is sough	nt on the invent	tion entitled <u>Data S</u>	Storage Device, the specification
of which			, and oppositionation
(check one)	<del></del>	is attached hereto	
		was filed on United States App	olication Noas
	_ <u>X_</u>	filed March 4, 20	Patent Application Number_PCT/JP03/02525
I acknowledge accordance with I hereby claim application(s) f	the duty to disc th Title 37, Cod foreign priority or patent or inven	close information whi le of Federal Regulat benefits under Title a rentor's certificate list	If the contents of the above identified specification, ent referred to above.  It is material to the examination of this application in ions, § 1.56(a).  It is supplied to the examination of this application in ions, § 1.56(a).  It is supplied to the examination of this application in ions, § 1.56(a).
Prior Foreign A			Priority Claimed
2002-059179 (Number)	Japan (Country)	5/March/2002 (Day/Month/Year	
(Number)	(Country)	(Day/Month/Year	Yes No
listed below an the prior United States Code, § of Federal Reg	d, insofar as th I States applica 112, I acknowl ulations, § 1.56	e subject matter of eation in the manner pa edge the duty to disc	ates Code, § 120 of any United States application(s) ach of the claims of this application is not disclosed in rovided by the first paragraph of Title 35, United close material information as defined in Title 37, Code between the filing date of the prior application and the disciplication:
(Appln. Serial f	No.)	(Filing Date)	(Status-patented, pending, abandoned)
(Appln. Serial N	No.)	(Filing Date)	(Status-patented, pending, abandoned)

I hereby appoint as my attorneys, with full power of substitution and revocation, to prosecute the patent application identified above and to transact all business in the U.S. Patent and Trademark Office connected therewith: Edward A. Becker, Reg. No. 37,777; Stephen A. Becker, Reg. No. 26,527; Marcel K. Bingham, Reg. No. 42,327; John G. Bisbikis, Reg. No. 37,095; Daniel Bucca, Reg. No. 42,368; Kenneth L. Cage, Reg. No. 26,151; Stephen C. Carlson, Reg. No. 39,929; Tom A. Corrado, Reg. No. 42,439; Paul Devinsky, Reg. No. 28,553; Laura A. Donnelly, Reg. No. 38,435; Margaret M. Duncan, Reg. No. 30,879; Brian E. Ferguson, Reg. No. 36,801; Michael F. Fogarty, Reg. No. 36,139; Willem F. Gadiano, Reg. No. 37,136; Keith E. George, Reg. No. 34,111; John A. Hankins, Reg. No. 32,029; Brian D. Hickman, Reg. No. 35,894; Eric J. Kraus, Reg. No. 36,190; Patrick B. Law, Reg. No. 41,549; Robert E. LeBlanc, Reg. No. 17,219; Jack Q. Lever, Reg. No. 28,149; Raphael V. Lupo, Reg. No. 28,363; Christine F. Martin, Reg. No. 39.762; Michael A. Messina, Reg. No. 33,424; Eugene J. Molinelli, Reg. No. 42,901; Christopher J. Palermo, Reg. No. 42,056; Joseph H. Paquin, Jr., Reg. No. 31,647; Robert L. Price, Reg. No. 22,685; Gene Z. Rubinson, Reg. No. 33,351; Joy Ann G. Serauskas, Reg. No. 27,952; David A. Spenard, Reg. No. 37,449; Arthur J. Steiner, Reg. No. 26,106; David L. Stewart, Reg. No. 37,578; Michael D. Switzer, Reg. No. 39,552; Leonid D. Thenor, Reg. No. 39,397; Keith J. Townsend, Reg. No. 40,358; Aaron Weisstuch, Reg. No. P41,557; Edward J. Wise, Reg. No. 34,523; Alexander V. Yampolsky, Reg. No. 36,324; and Robert W. Zelnick, Reg. No. 36,976 all of

Please address all correspondence and telephone calls to:

MCDERMOTT, WILL & EMERY LLP 600 13th Street, N.W. WASHINGTON, D.C. 20005-3096 Telephone: 202-756-8000

ull name of sole or first inventor <u>Yoshihiro HORI</u>
oventor's signature Date
esidence Gifu-shi Gifu Japan Citizenship Japanese
ost Office Address _c/o Sanyo Electric Co _ Ltd _ 5-5. Keihanhondori 2-chome
Moriguchi-shi, Osaka 570-8677 Japan
ull name of second inventor <u>Ryoji OHNO</u>
ventor's signature Date
esidence Osaka-shi Osaka Japan Citizenship Japanese
ost Office Address <u>c/o Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku</u>
Osaka-shi, Osaka 545-8522 Japan
ull name of third inventor
wentor's signature
wentor's signature
esidence Yokohama-shi Kanagawa Japan Citizenship Japanese /
ost Office Address _c/o VICTOR COMPANY_OF_JAPAN_LIMITED_12_Moriva-cho_3-chome_
Kanagawa-ku, Yokohama-shi, Kanagawa 221-8528 Japan

Full flame of fourth inventor Akiniro 10/AKI	
nventor's signature	Date
Residence Tokorozawa-shi Saitama Japan	Citizenshiplapanese
Post Office Address <u>c/o Tokorozawa Works of PIONE</u>	ER CORPORATION, 2610
Hanazono 4-chome, Tokorozawa-	
	·
·	
Full name of fifth inventor <u>Kenichiro TADA</u>	
nventor's signature	Data
Residence <u>Tokorozawa-shi Saitama, Japan</u>	Citizenship Japanese
Post Office Address .c/o Tokorozawa Works of PIONE	ED CODDODATION 2610
Hanazono 4-chome, Tokorozawa-	
<u> </u>	SIII, GENEROE SOS-GOZZ DAPAN
full name of sixth inventor	
nventor's signature	Date
Residence <u>Kawasaki-shi, Kanagawa, Japan</u>	Citizenship <u>Japanese</u>
Post Office Address <u>c/o Systems Development Labora</u>	tory, Hitachi, Ltd., 1099,
Ozenji, Asao-ku, Kawasaki-shi, Ka	anagawa 215-0013 Japan
•	
full name of sixth inventorMasafumi_TSURU	
nventor's signature	Date
nventor's signature Residence <u>Chiyoda-ku, Tokyo, Japan</u>	Citizenshipapanese
Post Office Address <u>c/o Phoenix Technologies</u> , K.K., T	okyo Ginko Kyokai Building 14th F
3-1 Marunouchi 1-chome, Chiyod	
	•
full name of sixth inventorTakayuki HASEBE	
di hame of sixui inventor	
nventor's signature	Date
nventor's signature Residence <u>Kawasaki-shi, Kanagawa, Japan</u>	Citizenship Japanese
Post Office Address _c/o FUJITSU LIMITED_ 1-1, Kamil	kodanaka 4-chome
Nakahara ku Kawasaki shi Kana	



## Attorney Docket No.

## COMBINED DECLARATION/POWER OF ATTORNEY FOR PATENT APPLICATION

My residence,	post office ad	dress and citizenship	are as stated below next to my name.
joint inventor (	(if plural name	rst and sole inventor ( s are listed below) of ition entitled <u>Data (</u>	if only one name is listed below) or an original, first and the subject matter which is claimed and for which a Storage Device
of which			the specification,
•		•	
(check one)		is attached hereto	) <b>.</b>
	· <del></del> .	was filed on United States App	olication Noas
	_X_	filed March 4 20	Patent Application Number_PCT/JP03/02525
		and was amended	f on (if applicable).
I hereby state tincluding the c	that I have rev laims, as ame	iewed and understand nded by any amendm	the contents of the above identified specification, ent referred to above.
l acknowledge accordance wit	the duty to dis th Title 37, Co	close information whi de of Federal Regulat	ch is material to the examination of this application in ions, § 1.56(a).
application(s) f	or patent or in patent or inve	ventor's certificate list	35, United States Code, § 119 of any foreign and have also identified below any foreign a filing date before that of the application on which
Prior Foreign A	Application(s)		Priority Claimed
2002-059179 (Number)	Japan (Country)	5/March/2002 (Day/Month/Year	X_Yes No
(Number)	(Country)	(Day/Month/Year	Yes No
listed below an the prior United States Code, § of Federal Reg	d, insofar as the States applich 112, I acknow ulations, § 1.5	ne subject matter of e ation in the manner p ledge the duty to disc	ates Code, § 120 of any United States application(s) ach of the claims of this application is not disclosed in rovided by the first paragraph of Title 35, United lose material information as defined in Title 37, Code etween the filing date of the prior application and the ication:
(Appln. Serial N	No.)	(Filing Date)	(Status-patented, pending, abandoned)
(Appln. Serial N	No.)	(Filing Date)	(Status-patented, pending, abandoned)

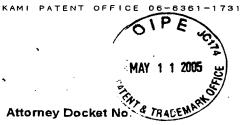
I hereby appoint as my attorneys, with full power of substitution and revocation, to prosecute the patent application identified above and to transact all business in the U.S. Patent and Trademark Office connected therewith: Edward A. Becker, Reg. No. 37,777; Stephen A. Becker, Reg. No. 26,527; Marcel K. Bingham, Reg. No. 42,327; John G. Bisbikis, Reg. No. 37,095; Daniel Bucca, Reg. No. 42,368; Kenneth L. Cage, Reg. No. 26,151; Stephen C. Carlson, Reg. No. 39,929; Tom A. Corrado, Reg. No. 42,439; Paul Devinsky, Reg. No. 28,553; Laura A. Donnelly, Reg. No. 38,435; Margaret M. Duncan, Reg. No. 30,879; Brian E. Ferguson, Reg. No. 36,801; Michael F. Fogarty, Reg. No. 36,139; Willem F. Gadiano, Reg. No. 37,136; Keith E. George, Reg. No. 34,111; John A. Hankins, Reg. No. 32,029; Brian D. Hickman, Reg. No. 35,894; Eric J. Kraus, Reg. No. 36,190; Patrick B. Law, Reg. No. 41,549; Robert E. LeBianc, Reg. No. 17,219; Jack Q. Lever, Reg. No. 28,149; Raphael V. Lupo, Reg. No. 28,363; Christine F. Martin, Reg. No. 39.762; Michael A. Messina, Reg. No. 33,424; Eugene J. Molinelli, Reg. No. 42,901; Christopher J. Palermo, Reg. No. 42,056; Joseph H. Paquin, Jr., Reg. No. 31,647; Robert L. Price, Reg. No. 22,685; Gene Z. Rubinson, Reg. No. 33,351; Joy Ann G. Serauskas, Reg. No. 27,952; David A. Spenard, Reg. No. 37,449; Arthur J. Steiner, Reg. No. 26,106; David L. Stewart, Reg. No. 37,578; Michael D. Switzer, Reg. No. 39,552; Leonid D. Thenor, Reg. No. 39,397; Keith J. Townsend, Reg. No. 40,358; Aaron Weisstuch, Reg. No. P41,557; Edward J. Wise, Reg. No. 34,523; Alexander V. Yampolsky, Reg. No. 36,324; and Robert W. Zelnick, Reg. No. 36,976 all of

Please address all correspondence and telephone calls to:

MCDERMOTT, WILL & EMERY LLP 600 13th Street, N.W. WASHINGTON, D.C. 20005-3096 Telephone: 202-756-8000

Full name of sole or first inventorYoshihiro HC	DRI	<u> </u>
Inventor's signature	Date	
Residence Gifu-shi Gifu Japan		
Post Office Address _c/o Sanyo Flectric CoLtd	5-5 Keihanhondori 2-	chome
_Moriguchi-shi_Osaka 570-i	8677 Japan	
•	·	
	-	
Full name of second inventor Ryoji OHNO		
Inventor's signature		
Residence Osaka-shi Osaka Japan	Citizenship .	
Post Office Address c/o Sharp Kabushiki Kaisha	, 22-22, Nagaike-cho, A	beno-ku,
<u>Osaka-shi, Osaka 545-8522</u>	<sup>2</sup> Japan	
•		•
	•	
Full name of third inventorTakeo OHISHI		
		,
Inventor's signature		
Residence Yokohama-shi, Kanagawa, Japan	Citizenship .	apanese
Post Office Address _c/o VICTOR COMPANY OF	JAPAN LIMITED 12.	Moriya-cho 3-chom
Kanagawa_ku_Yokohama-s	hi Kananawa 221-8528	lanan

rull name of fourth inve	intor — Akinim	DIOZAKI	
Inventor's signature	Akihiro	Tozaki	Date August 17, 2004
Residence Tokoroza	wa-shi Saitar	na lanan	Citizenshiplapanese
Westernor	<del>1914 - 2014</del> , - <del>2014</del> 111201	<del> </del>	ONEER CORPORATION, 2610.
			awa-shi, Saitama 359-8522 Japan
	MAZDIO 4-CIL	ille, rukuloz	awa-sii, Sailailia 353-0522 dapaii
	•	•	
Full name of fifth invent	orKenichi	ro TADA	
			A
Inventor's signature	KENIUHI	RO TADA	9 Date August 16, 2004
Residence Tokoroza	wa-shi Saitar	na Janan	Citizenshiplapanese
Post Office Address c/c	Tokorozawa	Works of PIC	ONEER CORPORATION, 2610,
			awa-shi, Saitama 359-8522 Japan
	IIIAZUNU 4-LIIU	inie, TUKUIUZ	awa-sur, Sanama 355-0522 dapan
Full name of sixth inver	itor <u>latsuy</u>	a HIRAL	
		•	_
Inventor's signature			Date
			Citizenshiplapanese
			boratory, Hitachi, Ltd., 1099,
.02	renji Asao-ku	Kawasaki-sl	ni, Kanagawa 215-0013 Japan
	• ,		
•			·
Full name of sixth inver	ıtor <u>Masafı</u>	ımi TSURU	
Inventor's signature	<del> </del>		Date
ResidenceChiyoda-	ku Tokyo Jar	oan	Citizenshipapanese
Post Office Address _c/c	Phoenix Tec	hnologies K	K., Tokyo Ginko Kyokai Building 14th Floo
3-1	1 Marunouchi	1-chome Ct	niyoda-ku, Tokyo 100-0005 Japan
	-,		
	•		
Full name of sixth inver	itorTakayı	ıki HASEBE	
	•		•
Inventor's signature			Date
Residence Kawasaki	-shi Kanagay	va Japan	Date Citizenshipapanese
Post Office Address of	FILITSIII	MITED 1-1 L	Kamikodanaka 4-chome
			Canadawa 211-8588 Janan



My residence	, post office ad	dress and citizenship	are as stated below next to my name.
joint inventor	(if plural name	rst and sole inventor s s are listed below) of ntion entitled <u>Data</u>	(if only one name is listed below) or an original, first an the subject matter which is claimed and for which a Storage Device
of which			, the specification
			•
(check one)		is attached hereto	<b>).</b>
	-	was filed on United States App	as olication No
-	_X_	PCT International filed March 4 20	Patent Application Number_PCT/JP03/02525_03
		and was amended	d on (if applicable).
I hereby state including the o	that I have rev claims, as ame	iewed and understand nded by any amendm	d the contents of the above identified specification, lent referred to above.
l acknowledge accordance w	the duty to dis	close information whi de of Federal Regulat	ich is material to the examination of this application in ions, § 1.56(a).
application(s)	for patent or in patent or inve	ventor's certificate list	35, United States Code, § 119 of any foreign ted below and have also identified below any foreign a filing date before that of the application on which
Prior Foreign /	Application(s)		Priority Claimed
2002-059179 (Number)	Japan (Country)	5/March/2002 (Day/Month/Year	No
(Number)	(Country)	(Day/Month/Year i	Yes No
isted below an he prior United States Code, § of Federal Reg	id, insofar as the d States applica f 112, I acknow gulations, § 1.56	le subject matter of ea ation in the manner pa ledge the duty to disc	ates Code, § 120 of any United States application(s) ach of the claims of this application is not disclosed in rovided by the first paragraph of Title 35, United lose material information as defined in Title 37, Code etween the filing date of the prior application and the ication:
Appin. Serial i	No.)	(Filing Date)	(Status-patented, pending, abandoned)
Appln. Serial I	No.)	(Filing Date)	(Status-patented, pending, abandoned)

I hereby appoint as my attorneys, with full power of substitution and revocation, to prosecute the patent application identified above and to transact all business in the U.S. Patent and Trademark Office connected therewith: Edward A. Becker, Reg. No. 37,777; Stephen A. Becker, Reg. No. 26,527; Marcel K. Bingham, Reg. No. 42,327; John G. Bisbikis, Reg. No. 37,095; Daniel Bucca, Reg. No. 42,366; Kenneth L. Cage, Reg. No. 26,151; Stephen C. Carlson, Reg. No. 39,929; Tom A. Corrado, Reg. No. 42,439; Paul Devinsky, Reg. No. 28,553; Laura A. Donnelly, Reg. No. 38,435; Margaret M. Duncan, Reg. No. 30,879; Brian E. Ferguson, Reg. No. 36,801; Michael F. Fogarty, Reg. No. 36,139; Willem F. Gadiano, Reg. No. 37,136; Keith E. George, Reg. No. 34,111; John A. Hankins, Reg. No. 32,029; Brian D. Hickman, Reg. No. 35,894; Eric J. Kraus, Reg. No. 36,190; Patrick B. Law, Reg. No. 41,549; Robert E. LeBlanc, Reg. No. 17,219; Jack Q. Lever, Reg. No. 28,149; Raphael V. Lupo, Reg. No. 28,363; Christine F. Martin, Reg. No. 39.762; Michael A. Messina, Reg. No. 33,424; Eugene J. Molinelli, Reg. No. 42,901; Christopher J. Palermo, Reg. No. 42,056; Joseph H. Paquin, Jr., Reg. No. 31,647; Robert L. Price, Reg. No. 22,685; Gene Z. Rubinson, Reg. No. 33,351; Joy Ann G. Serauskas, Reg. No. 27,952; David A. Spenard, Reg. No. 37,449; Arthur J. Steiner, Reg. No. 26,106; David L. Stewart, Reg. No. 37,578; Michael D. Switzer, Reg. No. 39,552; Leonid D. Thenor, Reg. No. 39,397; Keith J. Townsend Reg. No. 40,358; Aaron Weisstuch, Reg. No. P41,557; Edward J. Wise, Reg. No. 34,523; Alexander V. Yampolsky, Reg. No. 36,324; and Robert W. Zelnick, Reg. No. 36,976 all of

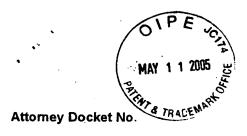
Please address all correspondence and telephone calls to:

MCDERMOTT, WILL & EMERY LLP 600 13th Street, N.W. WASHINGTON, D.C. 20005-3096 Telephone: 202-756-8000

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

rull name of sole of first inventor	oshihiro HORI
	Section 2
Inventor's signature	Date
Residence <u>Gifu-shi Gifu Japan</u>	Citizenship Japanese
Post Office Address _ c/o Sanyo Flec	tric Co., Ltd., 5-5, Keihanhondori 2-chome.
_Moriguchi-shi_	Osaka 570-8677 Japan
Full name of second inventorRvoi	i OHNO
Inventor's signature	Date
Residence Osaka Japa	Citizenship Japanese
Post Office Address c/o Sharp Kabus	shiki Kaisha, 22-22, Nagaike-cho, Abeno-ku
Osaka-shi Osal	ka 545-8522 Japan
	•
Full name of third inventorTakeo 0	DHISHL
Inventor's signature	Date
Residence Yokohama-shi Kanaga	awa Japan Citizenship Japanese
Post Office Address c/o VICTOR CO	MPANY OF JAPAN LIMITED, 12 Moriva-cho 3-chom
	okohama-shi, Kanagawa 221-8528 Japan
Transpare - vo 1	MANUSCUS DALLANAMA ZZ 1-00Z0 J8D8f)

rull name of fourth inventor <u>Akiniro IOZAKI</u>	
Inventor's signature	Date
Inventor's signature	Citizenshiplapanese
Post Office Address <u>c/o Tokorozawa Works of P</u>	IONEER CORPORATION 2610
Hanazono 4-chome, Tokoro	zawa-shi, Saltama 359-8522 Japan
· ·	
Full name of fifth inventor <u>Kenichiro TADA</u>	
Inventor's signature	Date
Residence Tokorozawa-shi Saitama, Japan	Citizenship Japanese
Post Office Address _c/o Tokorozawa Works of P	IONEER CORPORATION 2610
	zawa-shi, Saitama 359-8522 Japan
	·
Full name of sixth inventor <u>Tatsuya HIRAI</u>	
Inventor's signature Taxunya Him	Date Aug 27 2004
Residence Kawasaki-shi Kanagawa Japan	Citizenship Japanese
Post Office Address c/o Systems Development I	aboratory Hitachi Ltd 1099
Ozenji Asao-ku Kawasaki-	shi Kanagawa 215-0013 Japan
	•
·	
Full name of sixth inventorMasafumi TSURU	•
Inventor's signature	Date
Residence <u>Chiyoda-ku Tokyo Japan</u>	Citizenshiplapanese
Post Office Address _c/o Phoenix Technologies _k	K. Tokyo Ginko Kyokai Building 14th Floo
3-1 Marunouchi 1-chome C	Chiyoda-ku, Tokyo 100-0005 Japan
Full name of sixth inventorTakayuki HASEBE	
Inventor's signature	Date
Residence <u>Kawasaki-shi Kanagawa Japan</u>	Citizenship Japanese
Post Office Address _c/o FUJITSU LIMITED, 1-1	Kamikodanaka 4-chome
Nakahara-ku Kawasaki-shi	Kanagawa 211-8588 Japan



My residence, post office address and citizenshi	p are as stated below next to my name
--	---------------------------------------

		tion entitled <u>Data S</u>	the specification,
of which			the specification
(check one)	·	is attached hereto	
		was filed on United States App	as Dication No
	_ <b>X</b>	filed March 4, 20	Patent Application Number_ <u>PCT/JP03/02525</u> 03 I on(if applicable).
I hereby state including the o	that I have revi claims, as amen	ewed and understand ded by any amendm	I the contents of the above identified specification, ent referred to above.
I acknowledge accordance wi	the duty to disc th Title 37, Cod	close information whi le of Federal Regulat	ch is material to the examination of this application in ions, § 1.56(a).
application(s)	for patent or inv patent or inven	entor's certificate list	35, United States Code, § 119 of any foreign ed below and have also identified below any foreign g a filing date before that of the application on which
Prior Foreign /	Application(s)		Priority Claimed
2002-059179 (Number)	Japan (Country)	5/March/2002 (Day/Month/Year I	X_Yes No
(Number)	(Country)	(Day/Month/Year I	Yes No Filed)
listed below and the prior United States Code, § of Federal Reg	id, insofar as the States applicated at 112, I acknowled to 115.	e subject matter of ea Ition in the manner po edge the duty to disc	ates Code, § 120 of any United States application(s) ach of the claims of this application is not disclosed in rovided by the first paragraph of Title 35, United lose material information as defined in Title 37, Code etween the filing date of the prior application and the ication:
(Appln. Serial I	No.)	(Filing Date)	(Status-patented, pending, abandoned)
(Appln. Serial I	 No.)	(Filing Date)	(Status-patented, pending, abandoned)

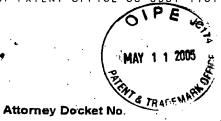
I hereby appoint as my attorneys, with full power of substitution and revocation, to prosecute the patent application identified above and to transact all business in the U.S. Patent and Trademark Office connected therewith: Edward A. Becker, Reg. No. 37,777; Stephen A. Becker, Reg. No. 26,527; Marcel K. Bingham, Reg. No. 42,327; John G. Bisbikis, Reg. No. 37,095; Daniel Bucca, Reg. No. 42,368; Kenneth L. Cage, Reg. No. 26,151; Stephen C. Carlson, Reg. No. 39,929; Tom A. Corrado, Reg. No. 42,439; Paul Devinsky, Reg. No. 28,553; Laura A. Donnelly, Reg. No. 38,435; Margaret M. Duncan, Reg. No. 30,879; Brian E. Ferguson, Reg. No. 36,801; Michael F. Fogarty, Reg. No. 36,139; Willem F. Gadiano, Reg. No. 37,136; Keith E. George, Reg. No. 34,111; John A. Hankins, Reg. No. 32,029; Brian D. Hickman, Reg. No. 35,894; Eric J. Kraus, Reg. No. 36,190; Patrick B. Law, Reg. No. 41,549; Robert E. LeBianc, Reg. No. 17,219; Jack Q. Lever, Reg. No. 28,149; Raphael V. Lupo, Reg. No. 28,363; Christine F. Martin, Reg. No. 39.762; Michael A. Messina, Reg. No. 33,424; Eugene J. Molinelli, Reg. No. 42,901; Christopher J. Palermo, Reg. No. 42,056; Joseph H. Paquin, Jr., Reg. No. 31,647; Robert L. Price, Reg. No. 22,685; Gene Z. Rubinson, Reg. No. 33,351; Joy Ann G. Serauskas, Reg. No. 27,952; David A. Spenard, Reg. No. 37,449; Arthur J. Steiner, Reg. No. 26,106; David L. Stewart, Reg. No. 37,578; Michael D. Switzer, Reg. No. 39,552; Leonid D. Thenor, Reg. No. 39,397; Keith J. Townsend, Reg. No. 40,358; Aaron Weisstuch, Reg. No. P41,557; Edward J. Wise, Reg. No. 34,523; Alexander V. Yampolsky, Reg. No. 36,324; and Robert W. Zelnick, Reg. No. 36,976 all of

Please address all correspondence and telephone calls to:

MCDERMOTT, WILL & EMERY LLP 600 13th Street, N.W. WASHINGTON, D.C. 20005-3096 Telephone: 202-756-8000

Full name of sole or first inventor <u>Yoshihiro HORI</u>		
Inventor's signature	Date	
Residence Gifu-shi Gifu Japan	Citizenship	_ Japanese
Post Office Address <u>c/o Sanyo Electric Co , Ltd., 5-5, k</u> <u>Moriguchi-shi, Osaka 570-8677 Ja</u>	Keihanhondori 2-	chome
· ·		
Full name of second inventor <u>Ryoji OHNO</u>		
Inventor's signature	Date	
Residence Osaka-shi Osaka Japan	_ Citizenship	Japanese
Post Office Address <u>c/o Sharp Kabushiki Kaisha, 22-22</u>	<u>Nagaike-cho A</u>	beno-ku
Osaka-shi, Osaka 545-8522 Japan		
Full name of third inventorTaken OHISHI	<del></del>	·
Inventor's signature	Date	
Residence <u>Yokohama-shi Kanagawa Japan</u>	_ Citizenship .	Japanese
Post Office Address <u>c/o VICTOR COMPANY OF JAPAN</u>	LUMITED 12	Moriva-cho 3-chome
Kanagawa-ku Yokohama-shi Kana		

	Full name of fourth InventorAkihiro TOZAKI	
•	Inventor's Egnature	Date
	Inventor's signature	Citizenshiplapanese
	Post Office Address _c/o Tokomzawa Works of PIO	NEER CORPORATION, 2610
	Hanazono 4-chome, Tokoroza	wa-shi Saltama 359-8522 Japan
		•
•	Full name of fifth inventorKenichiro TADA	
•	·	•
	Inventor's signature	Date
	Residence Tokorozawa-shi, Saitama, Japan Post Office Address c/o Tokorozawa Works of PIO	Citizenship Liapanese
*		wa-shi Saitama 359-8522 Japan
•		Ma-aut, Hamania di Juliana di Jul
		•
•	• ;	
	Full name of sixth inventor	
. •	La compa de la companya	Deta
	Inventor's signature	Uale
	Post Office Address clo Systems Development Lat	oratory Hitachi I td 1099
	Ozenii Asao-ku Kawasaki-shi	Kanagawa 215-0013 Japan
	•	
•	Full name of sixth inventorMasafumi_TSURU	
-	$\bigcirc$ $\checkmark$	1 /3 / / / / /
	Inventor's signature	V Date 4 30 200 4
	Residence Chiyoda-ku Tokyo Japan  Post Office Address c/o Phoenix Technologies K k	Citizenship Lapanese
•		voda-ku Tokyo 100-0005 Japan
.•	2-1 MARTHUMAN (SCHOOLS)	yra-au, maya menang dapan
	•	·
	Coll name of which inventors Talenty 1 18 OFFI	
•	Full name of sixth inventor <u>Takayuki HASEBE</u>	
	Inventor's signature	Date
•	Residence Kawasaki-shi Kanagawa Japan	Citizenshiplananese
	Post Office Address_c/o_FUJITSU_LIMITED_1-1_Ki	mikodanaka 4-chome
	Nakabara-ku Kawasaki-shi Ka	ananawa 211-8588 Janan



ited below next to my name.
ı

-6 de la					, the spe	cification
of which		•			: •	
(check one)		is attached hereto.	. :			•
	· <del></del>	was filed on United States Applic	ation No	as	<del></del>	
٠	<u>-x</u>	PCT International Pa	atent Applicat	ion Number_PC]	/JP03/02525	<b>i</b>
•	•	and was amended o	n	(if ap	plicable).	
accoidance will	h little 37, Cod	e of Federal Regulation	is material tons, § 1.56(a).	•	• •	344O11 [1]
hereby claim f application(s) fo application for p priority is claim	oreign priority or patent or inven eatent or inven ed:	e of Federal Regulation benefits under Title 35, entor's certificate listed tor's certificate having	ns, § 1.56(a). , United State I below and h	s Code, § 119 of	any foreign	foreign
hereby claim f application(s) fo application for p priority is claim	oreign priority or patent or inven eatent or inven ed:	e of Federal Regulation benefits under Title 35, entor's certificate listed	ns, § 1.56(a). , United State I below and h	s Code, § 119 of	any foreign d below any s application o	foreign
I hereby claim fapplication(s) for papplication for periodication for priority is claim.  Prior Foreign A	oreign priority or patent or inven eatent or inven ed:	e of Federal Regulation benefits under Title 35, entor's certificate listed	ns, § 1.56(a).  United State below and he filing date be	s Code, § 119 of ave also identified before that of the a	any foreign d below any s application o aimed	foreign
I hereby claim fapplication(s) for papplication for priority is claimed Prior Foreign A	oreign priority or patent or inven ed: pplication(s)	e of Federal Regulation benefits under Title 35, entor's certificate listed tor's certificate having	ns, § 1.56(a).  United State below and ha filing date below	es Code, § 119 of ave also identified before that of the a Priority Cla	any foreign d below any s application of aimed No	foreign
I hereby claim fapplication(s) for application for priority is claim.  Prior Foreign A.  2002-059179 (Number)  (Number)  hereby claim to isted below and the prior United States Code, § of Federal Regueration for the priority of the priori	oreign priority or patent or invented:  pplication(s)	e of Federal Regulation benefits under Title 35, entor's certificate listed tor's certificate having	ns, § 1.56(a).  United State if below and hear filing date be a filing date be detected by the first material in ween the filing ween the filing ween the filing ween the filing date.	Priority Cla  X Yes  Yes  O of any United S  s of this application as defined as a second	any foreign d below any sapplication of aimed No No No States application is not disc	foreign n which ation(s) dosed in ed
I hereby claim fapplication(s) for application for priority is claim.  Prior Foreign A.  2002-059179 (Number)  (Number)  hereby claim to isted below and the prior United States Code, § of Federal Regueration for the priority of the priori	oreign priority or patent or invented:  pplication(s) lapan(Country)  (Country)  the benefit under, insofar as the States applications, § 1.56 International file	e of Federal Regulation benefits under Title 35, entor's certificate listed tor's certificate having  5/March/2002 (Day/Month/Year File er Title 35, United State es subject matter of each tion in the manner provied ge the duty to disclose (a) which occurred bets	ns, § 1.56(a).  United State if below and he filing date be decorated in the claim vided by the fise material inveen the filing ation:	Priority Cla  X Yes  Yes  O of any United S  s of this application as defined as a second	any foreign d below any sapplication of aimed No No States application is not discontised in Title 3 application application a	foreign n which ation(s) dosed in ed

I hereby appoint as my attorneys, with full power of substitution and revocation, to prosecute the patent application identified above and to transact all business in the U.S. Patent and Trademark Office connected therewith: Edward A. Becker, Reg. No. 37,777; Stephen A. Becker, Reg. No. 26,527; Marcel K. Bingham, Reg. No. 42,327; John G. Bisbikis, Reg. No. 37,095; Daniel Bucca, Reg. No. 42,368; Kenneth L. Cage, Reg. No. 26,151; Stephen C. Carlson, Reg. No. 39,929; Tom A. Corrado, Reg. No. 42,439; Paul Devinsky, Reg. No. 28,553; Laura A. Donnelly, Reg. No. 38,435; Margaret M. Duncan, Reg. No. 30,879; Brian E. Ferguson, Reg. No. 36,801; Michael F. Fogarty, Reg. No. 36,139; Willem F. Gadiano, Reg. No. 37,136; Keith E. George, Reg. No. 34,111; John A. Hankins, Reg. No. 32,029; Brian D. Hickman, Reg. No. 35,894; Eric J. Kraus, Reg. No. 36,190; Patrick B. Law, Reg. No. 41,549; Robert E. LeBlanc, Reg. No. 17,219; Jack Q. Lever, Reg. No. 28,149; Raphael V. Lupo, Reg. No. 28,363; Christine F. Martin, Reg. No. 39.762; Michael A. Messina, Reg. No. 33,424; Eugene J. Molinelli, Reg. No. 42,901; Christopher J. Palermo, Reg. No. 42,056; Joseph H. Paquin, Jr., Reg. No. 31,647; Robert L. Price, Reg. No. 22,685; Gene Z. Rubinson, Reg. No. 33,351; Joy Ann G. Serauskas, Reg. No. 27,952; David A. Spenard, Reg. No. 37,449; Arthur J. Steiner, Reg. No. 26,106; David L. Stewart, Reg. No. 37,578; Michael D. Switzer, Reg. No. 39,552; Leonid D. Thenor, Reg. No. 39,397; Keith J. Townsend, Reg. No. 40,358; Aaron Weisstuch, Reg. No. P41,557; Edward J. Wise, Reg. No. 34,523; Alexander V. Yampolsky, Reg. No. 36,324; and Robert W. Zelnick, Reg. No. 36,976 all of

Please address all correspondence and telephone calls to:

MCDERMOTT, WILL & EMERY LLP 600 13th Street, N.W. WASHINGTON, D.C. 20005-3096 Telephone: 202-756-8000

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventorYoshibiro HORI_	
Inventor's signature	Date
Residence Gifu-shi Gifu Japan	Citizenshiplananese
Post Office Address _c/o Sanyo Electric Co _Ltd _5-!  Moriguchi-shi_Osaka 570-8677	5 Kelhanhondori 2-chome
Full name of second inventorRvoji OHNO	
	· · · · · · · · · · · · · · · · · · ·
Inventor's signature	Date
Residence <u>Osaka-sni Osaka Janan</u>	Chizenship Japanese
Post Office Address <u>c/o Sharp Kabushiki Kalsha</u> 22-	22. Nagalke-cho, Abeno-ku, an
Full name of third inventorTakeo OHISHI	
Inventor's signature	Date
Residence Yokohama-shi Kanagawa Japan	Citizenshiplananese
Post Office Address _c/o VICTOR COMPANY OF JAR	PAN, LIMITED, 12, Moriya-cho 3-chom
Kanadawa-ku Vokobama-shi K	anagawa 221-8528 Japan

	V 511151	
Inventor's signature _		Date
Residence Tokoro	zawa-shi, Saitama, Japan	Citizenship <u>lapanese</u>
Post Office Address _	c/o Tokorozawa Works of PIONEER	CORPORATION, 2610,
ل <b>ـ</b>	Hanazono 4-chome, Tokorozawa-shi,	Saltama 359-8522 Japan
Full name of fifth inve	entor <u>Kenichiro TADA</u>	
Inventorie cianature		Date.
Posidones Tokoro	zawa-shi, Saitama, Japan	Citizenshin: Japanese
Part Office Address	c/o Tokorozawa Works of PIONFFR	CORPORATION 2610
	Hanazono 4-chome, Tokorozawa-shi	
	· · · · · · · · · · · · · · · · · · ·	
		· •
	•	
Full name of sixth inv	entor Tatsuva HIRAI	·
•	·	•
Inventor's signature _		Date
	aki-shi Kanagawa Japan	Citizenship <u>Japanese</u>
	c/o Systems Development Laboratory	
<u>ا</u>	Ozenji, Asao-ku, Kawasaki-shi, Kana	gawa 215-0013 Japan
	•	• •
		·
Full name of sixth Inv	entor Masafumi TSURU	·
		•
Inventor's signature _		Date
ResidenceChlyod	a-ku Tokyo, Japan	Citizenship <u>Japanese</u>
	c/o Phoenix Technologies, K.K., Tok	
<u> </u>	3-1, Marunouchi 1-chome, Chiyoda-k	u, Tokyo 100-0005 Japan
•		
Full name of sixth inv	entor Takayuki HASEBE	
	91111	
Inventor's signature _	Jakayuh Hazeh	Date Sep. 1. 200 K
ResidenceKawasa	aki-shi Kanagawa, Japan	Citizenship <u>Japanese</u>
Post Office Address 1	c/o_FUJITSU_LIMITED_1-1, Kamikod	anaka 4-chome
ال .	Nakahara-ku, Kawasaki-shi, Kanagay	va 211-8588 Japan